Ref #	Hits	Search Query	DBs	Defaul t Operat or	Plura ls	Time Stamp
S12	1	"5978849".pn.	USPAT	OR	ON	2006/07/31 18:56
S13	202990	(determin\$ or ascertain\$ or discover\$ or check\$) near3 (status or log\$6 or connect\$4)	US-PGPU B; USPAT	OR	ON	2006/07/31 18:59
S14	408302	(telnet or ftp or http or protocol)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:04
S15	1764	(internet adj gateway)\	US-PGPU B; USPAT	OR	ON	2006/07/31 19:00
S16	1764	(internet adj gateway)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:03
S17	53996	(reestablish\$ or reconnect\$)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:00
S18	18	S13 same S16	US-PGPU B; USPAT	OR	ON	2006/07/31 19:00
S19	3	S18 same S14	US-PGPU B; USPAT	OR	ON	2006/07/31 19:03
S20	0	S19 and S17	US-PGPU B; USPAT	OR	ON	2006/07/31 19:01
S21	12640	(internet adj (proxy or server or gateway))	US-PGPU B; USPAT	OR	ON	2006/07/31 19:03
S22	27	S13 near8 S21	US-PGPU B; USPAT	OR	ON	2006/07/31 19:03

S23	102318	(telnet or ftp or http)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:04
S24	41911	(block\$4 or closed) near2 (port or socket or protocol)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:04
S25	0	S22 same S24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:04
S26	1	S22 and S24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:04
S27	1	S26 and S23	US-PGPU B; USPAT	OR	ON	2006/07/31 19:05
S28	449	S13 same S24	US-PGPU B; USPAT	OR	ON ·	2006/07/31 19:08
S29	81	S28 and S17	US-PGPU B; USPAT	OR	ON	2006/07/31 19:06
S30	0	S28 and S16	US-PGPU B; USPAT	OR	ON	2006/07/31 19:06
S31	. 11	S28 and S21	US-PGPU B; USPAT	OR	ON	2006/07/31 19:12
S32	6	S31 and S29	US-PGPU B; USPAT	OR	ON	2006/07/31 19:06
S33	4	S32 and S23	US-PGPU B; USPAT	OR	ON	2006/07/31 19:06
S34	7	S13 same S24.ab.	US-PGPU B; USPAT	OR	ON	2006/07/31 19:08
S35	0	(checking adj5 connect\$4) near8 \$24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:13

S36	0	(checking near4 connect\$4) near8 S24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:13
S37	0	(checking near4 connect\$4) near12 S24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:13
S38	2	(checking near4 connect\$4) same S24	US-PGPU B; USPAT	OR	ON	2006/07/31 19:34
S39	676821	(send\$4 or request\$)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:34
S40	41911	(block\$4 or closed) near2 (port or socket or protocol)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
S41	156	(send\$4) near3 (request or packet) near8 \$40	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
S42	149	S41 and "13"	US-PGPU B; USPAT	OR	ON	2006/07/31 19:36
S43	202990	(determin\$ or ascertain\$ or discover\$ or check\$) near3 (status or log\$6 or connect\$4)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:36
S44	93	S41 and S43	US-PGPU B; USPAT	OR	ON	2006/07/31 19:36
S45	1	S41 same S43	US-PGPU B; USPAT	OR	ON	2006/07/31 19:37
S46	10449	S43.ab.	US-PGPU B; USPAT	OR	ON	2006/07/31 19:38
S47	688	S43.ti.	US-PGPU B; USPAT	OR	ON	2006/07/31 19:38

S48	10824	S46 or S47	US-PGPU B; USPAT	OR	ON	2006/07/31 19:38
S49	0	S41.ab.	US-PGPU B; USPAT	OR	ON	2006/07/31 19:38
S50	2	S41 and S48	US-PGPU B; USPAT	OR ·	ON	2006/07/31 19:42
S51	15353	(trouble adj shoot\$4) or troubleshoot\$4	US-PGPU B; USPAT	OR ·	ON	2006/07/31 19:43
S52	0	S51 same S41	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
Ş53	42181	(block\$4 or closed or unavailable) near2 (port or socket or protocol)	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
S54	157	(send\$4) near3 (request or packet) near8 S53	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
S55	0	S51 same S54	US-PGPU B; USPAT	OR	ON	2006/07/31 19:43
S56	2	S51 and S54	US-PGPU B; USPAT	OR	ON	2006/08/01 05:41
S57	27124	(checking or determining or ascertaining) near3 (status or connectivity or connected or log\$4 adj (on or off) or tim\$4 adj out)	US-PGPU B; USPAT	OR	ON	2006/08/01 08:34
S58	34648	(blocked or closed or unavailable) near3 (port or socket or protocol)	US-PGPU B; USPAT	OR	ON	2006/08/01 06:06
S59	9	S57 same S58	US-PGPU B; USPAT	OR	ON	2006/08/01 05:55

8/1/06 3:12:01 PM

S60	0	S59.ab.	US-PGPU B; USPAT	OR	ON	2006/08/01 05:45
S61	18	(heartbeat adj query)	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S62	. 55	(heartbeat) same S57	US-PGPU B; USPAT	OR	ON	2006/08/01 06:00
S63	309	S57 and S58	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S64	0	S61.ab.	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S65	0	S61.ti.	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S66	879	heartbeat.ab.	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S67	167	heartbeat.ti.	US-PGPU B; USPAT	OR	ON	2006/08/01 05:57
S68	917	S66 or S67	US-PGPU B; USPAT	OR	ON	2006/08/01 05:58
S 69	0	S68 and S63	US-PGPU B; USPAT	OR	ON	2006/08/01 05:58
S70	309	S63 and S58	US-PGPU B; USPAT	OR	ON	2006/08/01 05:58
S71	2	S62 and S58	US-PGPU B; USPAT	OR	ON	2006/08/01 05:58

S72	13	("5265239" "5291605" "5297262" "5553239" "5553287" "5898834" "6047289" "6166455" "6182286" "6243826" "6374286" "6738977" "6822961").PN. OR	US-PGPU B; USPAT; USOCR	OR	ON	2006/08/01 05:58
S73	3	("6934952").URPN. S68 and S57.ab.	US-PGPU B; USPAT	OR	ON	2006/08/01 06:01
S74	0	S68 and S58.ab.	US-PGPU B; USPAT	OR	ON	2006/08/01 06:01
S75	1	S68 and S58	US-PGPU B; USPAT	OR	ON	2006/08/01 06:01
S76	12208	(checking or determining or ascertaining) near3 (status near2 (session or connection) or connectivity or connected or log\$4 adj (on or off) or tim\$4 adj out)	US-PGPU B; USPAT	OR	ON	2006/08/01 08:35
S77	10	S76 same (block\$4 or closed or unavailable) near2 (port or socket or protocol)	US-PGPU B; USPAT	OR	ON	2006/08/01 08:40
S78	531	(session near4 tim\$4 adj out)	US-PGPU B; USPAT	OR	ON	2006/08/01 08:40
S79	1241	(automatic\$5 near2 (reestablish\$ or reconnect\$))	US-PGPU B; USPAT	OR	ON	2006/08/01 08:41
S80	1	S78 same S79	US-PGPU B; USPAT	OR	ON	2006/08/01 08:42
S81	573	(connect\$ or establish\$) near8 "internet gateway"	US-PGPU B; USPAT	OR	ON	2006/08/01 08:42

S82 1	10	S81 and S78	US-PGPU B; USPAT	OR	ON	2006/08/01 08:44
S86 2	48	("6075528" "6304967" "5790800" "5923756" "6198824" "6253327" "7036142" "6122365" "5732219" "5737414" "5745884" "5793966" "5852721" "5892903" "5968129" "6012088" "6073013" "6222829" "6226752" "6222829" "6226752" "6240445" "6249865" "6286049" "6304912" "6404746" "6466651" "6473793" "6625119" "6650619" "6735617" "20020078151" "20050026177" "200500255886" "20060005236" "20060005236" "20060053486" "6131112" "6208718" "5908469" "6085321" "6119160" "6134597" "6154751" "6292942" "6782425" "6792457" "6826700" "7010531" "20050044216").pn.	US-PGPU B; USPAT	OR	ON	2006/08/01 11:54



Selected Result - Print Format

< Back to Previou:

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEEE STD = IEEE Standard

1. A Protocol for Packet Network Intercommunication

Cerf, V.; Kahn, R.
Communications, IEEE Transactions on [legacy, pre - 1988]
Volume 22, Issue 5, May 1974 Page(s): 637 - 648
IEEE JNI

2. Achieving timely message delivery quality-of-service in fixed and variable connectivity distributed routing networks

Brayer, K.
Selected Areas in Communications, IEEE Journal on Volume 22, Issue 7, Sept. 2004 Page(s): 1183 - 1196
IEEE JNI

3. Statistical analysis of TCP's retransmission timeout algorithm

Liangping Ma; Barner, K.E.; Arce, G.R. Networking, IEEE/ACM Transactions on Volume 14, Issue 2, April 2006 Page(s): 383 - 396 IEEE JNL



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File 347: JAPIO Dec 1976-2005/Dec(Updated 060404)
          (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD=200648
          (c) 2006 The Thomson Corporation
Set
         Items
                  Description
              (STATUS OR STATE OR CONDITION)(7N)(CONNECTION? ? OR SESSION? ? OR LINK? ?)
         33314
S1
              (LIVE OR AVAILABLE OR UP OR ACTIVE OR VALID)(7N)(CONNECTION ? OR SESSION? ? OR LINK? ?)
S2
         29892
              (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7N)(-LOST OR LOSE? ? OR LOSING OR DROP???? OR TIMEOUT OR TIM???()0-
S3
         55188
              UT OR FAIL??? OR INACTIV? OR INVALID? OR DOWN OR UNAVAILABLE -
              OR DISRUPT? OR INTERRUPT?)
                  ("NOT" OR NO OR T)(3W)(AVAILABLE OR UP OR ACTIVE OR VALID -
S4
         38339
              OR LIVE)
           489
                  (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7w)S4
S5
                  (LOG? ? OR LOGGED OR SIGN OR SIGNS OR SIGNED)()OFF OR LOGO-
S6
               FF OR SIGNOFF
                  (UNREACHABLE OR UNAVAILABLE OR ("NOT" OR T OR NO)(3W)(REAC-
S7
           320
              H??? OR AVAILABLE))(7N)(SERVER? ? OR WEBSERVER? ? OR GATEWAY?
           740
S8
                  (AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)(RECONNECT? OR RE(-
              )(CONNECT??? OR ESTABLISH?) OR REESTABLISH?)
s9
                  (AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)((SECOND??? OR NEW
              OR ANOTHER)(3W)(CONNECTION OR SESSION OR LINK))
PROTOCOL? ? OR PING??? OR ICMP OR FTP OR HTTP OR HTTPS OR -
S10
         83333
              TELNET
            33
                  (S1:S3 OR S5:S7) AND S8:S9 AND S10
S11
S12
            19
                  S11 AND AC=US/PR AND AY=(1963:2001)/PR
            25
S13
                  S11 AND AC=US AND AY=1963:2001
            25
S14
                  S11 AND AC=US AND AY=(1963:2001)/PR
                  S11 AND PY=1963:2001
S15
            14
            25
S16
                  S12:S15
S17
                  IDPAT (sorted in duplicate/non-duplicate order)
```

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File
        8:Ei Compendex(R) 1970-2006/Jul W4
           (c) 2006 Elsevier Eng.
                                        Info. Inc.
       35:Dissertation Abs Online 1861-2006/Jun
File
           (c) 2006 ProQuest Info&Learning
       65:Inside Conferences 1993-2006/Aug 01
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       94:JICST-EPlus 1985-2006/Apr W4
           (c)2006 Japan Science and Tech Corp(JST)
        6:NTIS 1964-2006/Jul W4
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           (c) 2006 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2006/Jul W2
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp
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           (c) 2006 The HW Wilson Co.
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           Comp & dist by NTIS, Intl Copyright All Rights Res
       95:TEME-Technology & Management 1989-2006/Jul W5
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Set
          Items
                   Description
                   (STATUS OR STATE OR CONDITION)(7N)(CONNECTION? ? OR SESSIO? OR LINK? ?)
          18586
S1
          29983
                    (LIVE OR ALIVE OR AVAILABLE OR UP OR ACTIVE OR VALID)(7N)(-
S2
               CONNECTION? ? OR SESSION? ? OR LINK? ?)
               (CONNECTION: OR SESSION: OR LINK: )

(CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7N)(-
LOST OR LOSE? ? OR LOSING OR DROP???? OR TIMEOUT OR TIM???()O-
UT OR FAIL??? OR INACTIV? OR INVALID? OR DOWN OR UNAVAILABLE -
OR DISRUPT? OR INTERRUPT? OR DISCONNECTED OR BROKEN)

("NOT" OR NO OR T)(3W)(AVAILABLE OR UP OR ACTIVE OR VALID -
S3
          25300
        366359
S4
                OR LIVE OR ALIVE)
                    (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7W)S4
            426
S5
                    (LOG? ? OR LOGGED OR SIGN OR SIGNS OR SIGNED)()OFF OR LOGO-
S6
            638
                FF OR SIGNOFF
                   (UNREACHABLE OR UNAVAILABLE OR DISCONNECTED OR ("NOT" OR T
S7
            325
               OR NO)(3W)(REACH??? OR AVAILABLE))(7N)(SERVER? ? OR WEBSERVER?
                 ? OR GATEWAY? ?)
(AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)(RECONNECT? OR RE(-
S8
                )(CONNECT??? OR ESTABLISH?) OR REESTABLISH?)
S9
                   (AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)((SECOND??? OR NEW
               OR ANOTHER) (3W) (CONNECTION OR SESSION OR LINK))
S10
        578113
                   PROTOCOL? ? OR PING??? OR ICMP OR FTP OR HTTP OR HTTPS OR -
                TELNET
         43970
                    (ISSUE? ? OR ISSUING OR PROVIDE OR PROVIDES OR PROVIDED OR
S11
               PROVIDING OR PROVISION? OR SUBMIT? OR SEND??? OR SENT OR TRAN-SMIT???? OR TRANSMISSION OR RELAY? OR FORWARD???)(7N)(REQUEST?
                 ? OR COMMAND? ? OR INSTRUCTION? ?)
```

(S1:S3 AND S5:S7) AND S10 AND S11

S12

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File 275:Gale Group Computer DB(TM) 1983-2006/Jul 31
          (c) 2006 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Jul 31
          (c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987~2006/Jul 31
          (c) 2006 The Gale Group
     16:Gale Group PROMT(R) 1990-2006/Jul 31
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          (c) 2006 The Gale Group
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          (c)2006 The Gale Group
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          (c) 2006 McGraw-Hill Co. Inc.
File
     15:ABI/Inform(R) 1971-2006/Aug 01
          (c) 2006 ProQuest Info&Learning
              Computer Fulltext 1988-2006/Aug W3
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          (c) 2006 CMP Media, LLC
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          (c) 2006 Dialog
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          (c) 2006 Reed Business Information Ltd.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 610: Business Wire 1999-2006/Aug 01
          (c) 2006 Business Wire.
File 613:PR Newswire 1999-2006/Aug 01
          (c) 2006 PR Newswire Association Inc
Set
        Items
                 Description
              (STATUS OR STATE OR CONDITION)(7N)(CONNECTION? ? OR SESSION? ? OR LINK? ?)
S1
        63380
S2
       423862
                  (LIVE OR ALIVE OR AVAILABLE OR UP OR ACTIVE OR VALID)(7N)(-
              CONNECTION? ? OR SESSION? ? OR LINK? ?)
                  (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7N)(-
S3
       121894
              LOST OR LOSE? ? OR LOSING OR DROP???? OR TIMEOUT OR TIM???()0-
              UT OR FAIL??? OR INACTIV? OR INVALID? OR DOWN OR UNAVAILABLE -
              OR DISRUPT? OR INTERRUPT? OR DISCONNECTED OR BROKEN)
                 ("NOT" OR NO OR T) (3W) (AVAILABLE OR UP OR ACTIVE OR VALID -
S4
      1190945
              OR LIVE OR ALIVE)
                  (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7w)S4
          6755
S5
                  (LOG? ? OR LOGGED OR SIGN OR SIGNS OR SIGNED)()OFF OR LOGO-
S6
        46770
              FF OR SIGNOFF
         7704
                 (UNREACHABLE OR UNAVAILABLE OR DISCONNECTED OR ("NOT" OR T
S7
              OR NO)(3W)(REACH??? OR AVAILABLE))(7N)(SERVER? ? OR WEBSERVER?
               ? OR GATEWAY? ?)
                  (AUTOMATIC? OR TRANSPARENT? OR FLY) (10N) (RECONNECT? OR RE(-
S8
          3152
              (CONNECT??? OR ESTABLISH?) OR REESTABLISH?)
                  (AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)((SECOND??? OR NEW
S9
              OR ANOTHER)(3W)(CONNECTION OR SESSION OR LINK))
S10
     10000811
                 PROTOCOL? ? OR PING??? OR ICMP OR FTP OR HTTP OR HTTPS OR -
              (ISSUE? ? OR ISSUING OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR PROVISION? OR SUBMIT? OR SEND??? OR SENT OR TRANSMIT???? OR TRANSMISSION OR RELAY? OR FORWARD???)(7N)(REQUEST?
S11
       367464
               ? OR COMMAND? ? OR INSTRUCTION? ?)
S12
        17408
                 S10(20N)S11
S13
           381
                 (S1:S3 OR S5:S7)(50N)S12
S14
           243
                 RD (unique items)
                 S14 NOT PY=2002:2006
S15
           179
S16
            91
                 (S3 OR S5:S7)(50N)S12
```

S17	63 RD (unique items)	
s18	51 S17 NOT PY=2002:2006	
519	8148 (ISSUE? ? OR ISSUING OR SEND??? OR SENT OR TRANSMIT???? OR	
	TRANSMISSION OR RELAY? OR FORWARD???)(7N)(REQUEST? ? OR COMMA-	
	ND? ? OR INSTRUCTION? ?)(7N)S10	
s20	78 S19(10N)S1:S2	
S21	47 RD (unique items)	
522	35 S21 NOT PY=2002:2006	
s23	<pre>10 KEEP()ALIVE AND STILL()ALIVE</pre>	
s24	10 RD (unique items)	

File 348: EUROPEAN PATENTS 1978-2006/ 200630 (c) 2006 European Patent Office File 349:PCT FULLTEXT 1979-2006/UB=20060727,UT=20060720 (c) 2006 WIPO/Univentio Set Description Items (STATUS OR STATE OR CONDITION)(7N)(CONNECTION? ? OR SESSION? ? OR LINK? ?) S1 31839 61604 (LIVE OR ALIVE OR AVAILABLE OR UP OR ACTIVE OR VALID) (7N) (-S2 CONNECTION? ? OR SESSION? ? OR LINK? ?) (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7N)(-**S**3 LOST OR LOSE? ? OR LOSING OR DROP???? OR TIMEOUT OR TIM???()0-UT OR FAIL??? OR INACTIV? OR INVALID? OR DOWN OR UNAVAILABLE -OR DISRUPT? OR INTERRUPT? OR DISCONNECTED OR BROKEN) 54 183599 ("NOT" OR NO OR T)(3W)(AVAILABLE OR UP OR ACTIVE OR VALID -OR LIVE OR ALIVE) (CONNECT??? OR CONNECTIVITY OR SESSION? ? OR LINK? ?)(7W)S4 3411 **S**5 (LOG? ? OR LOGGED OR SIGN OR SIGNS OR SIGNED)()OFF OR LOGO-3228 **S6** FF OR SIGNOFF 2976 (UNREACHABLE OR UNAVAILABLE OR DISCONNECTED OR ("NOT" OR T **S7** OR NO)(3W)(REACH??? OR AVAILABLE))(7N)(SERVER? ? OR WEBSERVER? ? OR GATEWAY? ?) 986 (AUTOMATIC? OR TRANSPARENT? OR FLY) (10N) (RECONNECT? OR RE(-**S8**)(CONNECT??? OR ESTABLISH?) OR REESTABLISH?) 559 s9 (AUTOMATIC? OR TRANSPARENT? OR FLY)(10N)((SECOND??? OR NEW OR ANOTHER)(3W)(CONNECTION OR SESSION OR LINK)) PROTOCOL? ? OR PING??? OR ICMP OR FTP OR HTTP OR HTTPS OR -**S10** 236634 **TELNET S11** 13770 (ISSUE? ? OR ISSUING OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR PROVISION? OR SUBMIT? OR SEND??? OR SENT OR TRAN-SMIT???? OR TRANSMISSION OR RELAY? OR FORWARD???)(7N)(REQUEST? ? OR COMMAND? ? OR INSTRUCTION? ?)(7N)S10 **S12** 325 S11(10N)(S1:S3 OR S5:S7) S11(10N)S1:S2 S13(50N)(S3 OR S5:S9) **S13** 249 **S14** 24 S14 AND AC=US/PR AND AY=(1963:2001)/PR **S15** 10 S14 AND AC=US AND AY=1963:2001 **S16** 10

S14 AND AC=US AND AY=(1963:2001)/PR

S14 AND PY=1963:2001

S15:S18

10

11 12

S17

S18

s19